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 Bibliometrics: Downloads (6 Weeks): 796, Downloads (12 Months): 2819, Cita

- 2 [ABASH: finding bugs in bash scripts](#)
 Karl Mazurak, Steve Zdancewicz
 June 2007 [PLAS '07: Proceedings of the 2007 workshop on Programming security](#)
 Publisher: ACM
 Full text available: Pdf (262.29 KB) [Additional Information: full citation, abstract, i](#)
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This paper describes the design and implementation of ABASH, a tool for written in the bash scripting language. Although it makes no formal guarantee, it provides spurious warnings (largely due to the ...

Keywords: abstract interpretation, bash, scripting languages

- 3 [Experiences of using wearable computers for ambient telepresence](#)
 Mikael Drugge, Marcus Nilsson, Roland Parviainen, Peter Pares
 October 2004 [ETP '04: Proceedings of the 2004 ACM SIGMM workshop on E](#)
 Publisher: ACM
 Full text available: Pdf (1.11 MB) [Additional Information: full citation, abstract, i](#)
 Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 72, Citation


We present our experiences of using wearable computers for providing information to members of an e-meeting. Using a continuously running e-meeting system and informal studies and observations, this form of ...

Keywords: ambient telepresence, mobile e-meetings, remote interaction

- 4 [E-governance in trade facilitation: transparency and ICT as prerequisites](#)
 Paul Kimberley
 December 2007 [ICEGOV '07: Proceedings of the 1st international conference](#)

electronic governance

Publisher: ACM

Full text available:  Pdf (177.89 KB)Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

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Trade facilitation is a generic term applied to the procedures and technical controls that facilitate domestic trade into global supply chains. While there are other aspects becoming progressively more important. The objective ...

Keywords: customs, data standards, e-governance, interconnection, information security, supply chain security, technical controls, trade, transparency

- 5 [Bridging context management systems for different types of pervasive computing systems](#)
Cristian Hesselman, Hartmut Benz, Pravin Pawar, Fei Liu, Maarten Wegdan, Jacco Broek

February 2008 MOBI LWARE '08: Proceedings of the 1st international conference on Mobile Middleware, Operating Systems, and Applications

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Science)


Full text available:  Pdf (250.49 KB)Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 132, Citation

A context management system is a distributed system that enables application information about (mobile) users and forms a key component of any pervasive computing system. Context management systems are however very environment-specific.


Keywords: bridging, context management, interoperability

- 6 [Labels and event processes in the Asbestos operating system](#)

 Steve Vandebogart, Petros Efstathiopoulos, Eddie Kohler, Maxwell Krohn, Cees Kaashoek, Robert Morris, David Mazieres

December 2007 Transactions on Computer Systems (TOCS), Volume 25:1

Publisher: ACM

Full text available:  Pdf (1.21 MB)Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

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Asbestos, a new operating system, provides novel labeling and isolation to protect the effects of exploitable software flaws. Applications can express a wide range of Asbestos's kernel-enforced labels, including controls ...

Keywords: Information flow, labels, mandatory access control, process isolation, servers

- 7 [Interworking of traders in a distributed computing environment](#)

Michael J. Katchabaw, Meeta M. Khurana, James W. Hong, Michael A. Baer
November 1995 CASCON '95: Proceedings of the 1995 conference of the Canadian Collaborative research

Publisher: IBM Press

Full text available:  Pdf (117.52 KB)Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

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Distributed computing systems are composed of various types of service
efficient distributed computing environment largely depends on the effective
services. One important aspect of managing services within ...

8 Developing adaptive groupware applications using a mobile component

 Radu Liliu, Atul Parakash

December 2000 CSCW '00: Proceedings of the 2000 ACM conference on Collaboration work

Publisher: ACM


Full text available:  Pdf (168.38 KB) Additional Information: full citation, abstract, terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 66, Citation (

A need exists to develop groupware systems that adapt to available resources
mobility. This paper presents DACIA, a system that provides mechanisms for
applications. Using DACIA, components of a groupware application ...

9 Dynamic and selective combination of extensions in component-based


Eddy Truyen, Bart Vanhaute, Bo Nørregaard Jørgensen, Wouter Joosen, Pieter
July 2001 I CSE '01: Proceedings of the 23rd International Conference on
Publisher: IEEE Computer Society

Full text available:  Pdf (227.52 KB) Additional Information: full citation, abstract, terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 32, Citation (

*Support for dynamic and client-specific customization is required in many
a (distributed) application as consisting of a minimal functional core — a
based system, and an unbound set of potential ...*

10 Projections into the world: service avatars as ambient intelligence objects

 Mike Kuniavsky


July 2005 interactions . Volume 12 Issue 4

Publisher: ACM

Full text available:  Html (11.40 KB),  Pdf (292.86 KB) Additional Information: full citation, abstract, terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 49, Citation (

11 The Jupiter audio/video architecture: secure multimedia in networked

 Pavel Curtis, Michael Dixon, Ron Frederick, David A. Nichols

January 1995 MULTIMEDIA '95: Proceedings of the third ACM international
Publisher: ACM

Full text available:  Html (72.37 KB) Additional Information: full citation, abstract, reference

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 32, Citation (

Keywords: audio, collaboration, encryption, multicast, network places,

12 Design and evaluation of a context-based continuous consistency model

 Hailong Yu, Amin Vahdat

August 2002 Transactions on Computer Systems (TOCS) . Volume 20 Issue
Publisher: ACM

Full text available: Additional Information:

 Pdf (406.85 KB)


[full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 161, Citation (0)

The tradeoffs between consistency, performance, and availability are well known. However, designers of replicated systems have been forced to choose from a set of guarantees or none at all. This paper explores the ...

Keywords: Conit, consistency model, continuous consistency, network replication

13 People-centric urban sensing

 Andrew T. Campbell, Shane B. Eisenman, Nicholas D. Lane, Emiliano Miluzzo
 August 2006 WICON '06: Proceedings of the 2nd annual international workshop
 Publisher: ACM

 Full text available:  Pdf (249.73 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)


Bibliometrics: Downloads (6 Weeks): 44, Downloads (12 Months): 280, Citation (0)

The vast majority of advances in sensor network research over the last few years have been in the development of a series of small-scale (100s of nodes) testbeds and sensor network environmental monitoring, etc.) that are built on ...

Keywords: mobile wireless sensor networks, people-centric, urban sensing

14 CORBA Program Development, Part 3


 J. Mark Shacklette, Jeff Lilian
 July 1999 Linux Journal , Volume 1999 Issue 63es
 Publisher: Specialized Systems Consultants, Inc.

 Full text available:  Html (25.42 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 20, Citation (0)

A look at CORBA implementations in Java to provide interoperability between ...

15 A parallel, incremental and concurrent GC for servers

 Yoav Ossia, Ori Ben-Yitzhak, Irit Gott, Eliot K. Kolodner, Victor Leekman,
 June 2002 PLDI '02: Proceedings of the ACM SIGPLAN 2002 Conference on Programming Language Design and Implementation
 Publisher: ACM

 Full text available:  Pdf (231.80 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 51, Citation (0)

Multithreaded applications with multi-gigabyte heaps running on modern hardware face challenges for garbage collection (GC). The challenges for "server-oriented" GC include scaling to a multi-gigabyte heap, while minimizing ...

Keywords: JVM, Java, concurrent garbage collection, garbage collection, weak ordering

Also published in:



May 2002 SIGPLAN Notices Volume 37 Issue 5

16 IT security: protecting organizations in spite of themselves

David A. Siegel, Bill Reid, Susan M. Dray

May 2006 Interactions, Volume 13 Issue 3

Publisher: ACM

Full text available:  [HTML](#) (30.50 KB),  [PDF](#) (257.63 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 183, Citation (

17 Conditions for access and use of legal document retrieval web service

Martine Boonk, Frances Brazier, David de Groot, Maarten van Stekelenburg

June 2007 ICAIL '07: Proceedings of the 11th international conference on

Publisher: ACM

Full text available:  [PDF](#) (290.44 KB) Additional Information: [full citation](#), [abstract](#), [document](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 55, Citation (

Documentation is essential to daily legal practice. On-line access is currently imposed by an information service provider with respect to access and to determine the value of such documentation. This paper ...

18 A distributed data space for music-related information

Yves Raimond, Christopher Sutton, Mark Sandier

September 2007 MS '07: Workshop on multimedia information retrieval on semantics

Publisher: ACM

Full text available:  [PDF](#) (620.90 KB) Additional Information: [full citation](#), [abstract](#), [document](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 106, Citation (

In this paper, we describe how some key Semantic Web technologies can be used in a distributed knowledge environment several music-related sources of information to feature extractors or personal music collections. ...

Keywords: MIR, multimedia, music, semantic-web

19 Cooperative scans: dynamic bandwidth sharing in a DBMS

Marcin Zukowski, Sándor Héman, Niels Nes, Peter Boncz

September 2007 VLDB '07: Proceedings of the 33rd international conference

Publisher: VLDB Endowment

Full text available:  [PDF](#) (462.51 KB) Additional Information: [full citation](#), [abstract](#), [document](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 78, Citation (


This paper analyzes the performance of concurrent (index) scan operations and column (DSM) disk storage models and shows that existing scheduled data-sharing opportunities and therefore result in ...

20 Delay aware querying with Seaweed

Dushyanth Narayanan, Austin Donnelly, Richard Mortier, Antony Rowstron

March 2008 The VLDB Journal — The International Journal on Very Large

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (852.03 KB)

Additional Information: [full citation](#), [abstract](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 65, Citation (

Large highly distributed data sets are poorly supported by current query as endsystem-based network management are characterized by data stream systems, with frequent local updates and relatively ...


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